Play: 1907 Sevier Frontal ZoneProvince: 19 Eastern Great Basin

Geologist: Grow, J.A. Status: hypothetical

| Play Attributes: |  | Probability of Occurrence |  |  |  |
|------------------|--|---------------------------|--|--|--|
| · ·              |  | •                         |  |  |  |
|                  |  |                           |  |  |  |

Charge 0.70
Reservoir rock 1.00
Traps 0.70
Play Probability 0.49

## **Size of Undiscovered Accumulations (>1 MMBOE) (Conditional):**

| Oil Ac                    | <u>ccumul</u> | ations | Gas Accumul | <u>ations</u> |
|---------------------------|---------------|--------|-------------|---------------|
| Median                    | 3             | MMBO   | ) 15        | BCFG          |
| F5 of Largest Accumulatio | 50            | MMBO   | 1,000       | BCFG          |
| TSP Shape Factor          | 6             |        | 7           |               |
| Mean (calculated)         | 5.5           | MMBO   | ) 44.6      | BCFG          |

## **Number of Undiscovered Accumulations (>1 MMBOE) (Conditional):**

|                   | Oil Accumulations | Gas Accumulations |  |  |
|-------------------|-------------------|-------------------|--|--|
| Minimum           | 1                 | 1                 |  |  |
| Median            | 3                 | 5                 |  |  |
| Maximum           | 10                | 15                |  |  |
| Mean (calculated) | 2.0               | 3.1               |  |  |

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Ratio of Associated-Dissolved Gas to Oil: 2,000 CFG/bbl

Ratio of NGL to Non-Associated Gas: 30 bbl/MMCF

Ratio of NGL to Associated-Dissolved Gas: 33 bbl/MMCF

API Gravity (degrees): <u>minimum</u> <u>mean</u> <u>maximum</u>

Depth of Oil Accumulations (ft): <u>minimum</u> <u>median</u> <u>maximum</u>

6,500 10,000 16,000

Depth of N-A Gas Accumulations (ft): <u>minimum</u> <u>median</u> <u>maximum</u>

8,000 12,000 20,000

| Play:                           | 1907              | Sevier From       |                   |            |           |           |             |                    |
|---------------------------------|-------------------|-------------------|-------------------|------------|-----------|-----------|-------------|--------------------|
| <b>Province:</b>                | 19                | Eastern Gr        | eat Basin         |            |           |           |             |                    |
| <b>Geologist:</b>               | Grow, J.A         |                   |                   |            |           |           | Status:     | hypothetical       |
| Estimated                       | Resources         | :                 |                   |            |           |           |             |                    |
|                                 |                   |                   | (                 | Oil (MMBC  | ))        |           |             |                    |
| <u>F99</u>                      | <u>F95</u>        | <u>F75</u>        | <u>F50</u>        | <u>F25</u> | <u>F5</u> | <u>F1</u> | <u>mean</u> | <u>s.d.</u>        |
| 0.00                            | 0.00              | 0.00              | 0.00              | 13.40      | 51.60     | 92.60     | 11.00       | 20.00              |
|                                 | NGL (MMBNGL)      |                   |                   |            |           |           |             |                    |
| F99                             | F95               | F75               | F50               | F25        | <u>F5</u> | <u>F1</u> | mean        | <u>s.d.</u>        |
| $\overline{0.00}$               | 0.00              | $\overline{0.00}$ | $\overline{0.00}$ | 5.71       | 23.08     | 47.83     | 4.80        | 9.54               |
| Associated-Dissolved Gas (BCFG) |                   |                   |                   |            |           |           |             |                    |
| F99                             | F95               | F75               | F50               | F25        | F5        | <u>F1</u> | mean        | <u>s.d.</u>        |
| $\overline{0.00}$               | $\overline{0.00}$ | 0.00              | $\overline{0.00}$ | 26.80      | 103.20    | 185.20    | 21.90       | $4\overline{0.00}$ |
| Non-Associated Gas (BCFG)       |                   |                   |                   |            |           |           |             |                    |
| EOO                             | E05               | E <b>75</b>       |                   |            | ` ,       | Т1        | 100 0 0 7   | a d                |
| <u>F99</u>                      | <u>F95</u>        | <u>F75</u>        | <u>F50</u>        | F25        | <u>F5</u> | <u>F1</u> | mean        | <u>s.d.</u>        |
| 0.00                            | 0.00              | 0.00              | 0.00              | 160.90     | 655.80    | 1,390.50  | 136.80      | 274.10             |